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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**Declaration  
Submitted  
with Initial  
Filing

OR

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)**Attorney Docket Number**

2002-IP-007945

**First Named Inventor**

Eldon D. Dalrymple, et al

**COMPLETE IF KNOWN****Application Number**

10/612,271

**Filing Date**

07/02/2003

**Art Unit****Examiner Name****As the below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Methods of Reducing Water Permeability for Acidizing a Subterranean Formation***(Title of the Invention)*

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

07/02/2003

as United States Application Number or PCT International

Application Number

10/612,271

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]



## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/>		Customer Number or Bar Code Label		OR <input checked="" type="checkbox"/>		Correspondence address below	
Robert A. Kent							
Name							
Halliburton Energy Services							
Address P.O. Box 1431							
Duncan City				OK State		73536-0440 ZIP	
USA Country		580-251-3125 Telephone			580-251-3917 Fax		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.							
NAME OF SOLE OR FIRST INVENTOR :				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name Eldon D. (first and middle [if any])				Family Name Dalrymple or Surname			
Inventor's Signature						Date 6/30/2003	
Duncan Residence: City		OK State		USA Country		US Citizenship	
907 East Plato							
Mailing Address							
Duncan City		OK State		73533 ZIP		USA Country	
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name Larry (first and middle [if any])				Family Name Eoff or Surname			
Inventor's Signature						Date 6/30/03	
Duncan Residence: City		OK State		USA Country		US Citizenship	
2201 W. Cedar Avenue							
Mailing Address							
Duncan City		OK State		73533 ZIP		USA Country	
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.							



PTO/SB/02A (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION****ADDITIONAL INVENTOR(S)**

Supplemental Sheet

Page 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name <b>B. Raghava</b>		Family Name or Surname <b>Reddy</b>	
Inventor's Signature <i>B. Raghava Reddy</i>		Date <b>6/30/03</b>	
Residence: City <b>Duncan</b>	OK State	USA Country	INDIA Citizenship
2013 Waverly Drive Mailing Address			
Mailing Address			
City <b>Duncan</b>	OK State	73533 ZIP	USA Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name <b>Jim</b>		Family Name or Surname <b>Venditto</b>	
Inventor's Signature <i>Jim Venditto</i>		Date <b>2/3/11/03</b>	
Residence: City <b>Muscat</b>	State	Sultamate of Oman Country	US Citizenship
Way 1568 Villa 4844 Madinat Al Illam Mailing Address			
Mailing Address			
City <b>Muscat</b>	State	ZIP	Sultamate of Oman Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**ASSIGNMENT**

Whereas, I/We, **Eldon D. Dalrymple, Larry Eoff, B. Raghava Reddy** of Stephens County, Duncan, Oklahoma, and **Jim Venditto of Muscat, Sultamate of Oman**, have invented **"Methods of Reducing Water Permeability for Acidizing a Subterranean Formation"** for which I have made application for Letters Patent of the United States; and

Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application serial number **10/612,271** filed on **July 2, 2003**, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed this 6<sup>TH</sup> day of December, 2003, at  
MUSCAT, OMAN.

  
Signature

STATE OF OMAN )  
 ) ss  
COUNTY OF MUSCAT )

Before me personally appeared said **Jim Venditto** and acknowledged the foregoing instrument to be his free act and deed this 6<sup>TH</sup> day of DECEMBER, 2003.

Seal



**Wesley W. Robertson**  
Vice Consul of the  
United States of America

(Notary)

<u>Sultanate of Oman</u>	)	SS:
(Country)	)	
<u>Capital Area</u>	)	
(State, province, etc.)	)	
<u>Muscat</u>	)	
(City)	)	
<u>Embassy of the United States of America</u>	)	
(Name of consular post)	)	